

## CLAIMS

That which is claimed is:

1. A covering for application to one or more surfaces of a structure, the covering comprising a sheet including a plurality of components, each of  
5 said components being capable of providing protection against detection by at least one sensing method, and covering having an adhesive exterior surface and an exterior surface opposite the adhesive surface having an uneven surface profile, said covering optionally further comprising a backing sheet removably adhered to the adhesive exterior surface.  
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2. The covering of claim 1 wherein said at least one sensing method comprises visible inspection, surface profiling, ultraviolet sensing, infrared sensing, thermal imaging, radar and acoustic.
- 15 3. The covering according to claim 1 or claim 2 wherein at least one of the components comprises at least one of an ultra-violet pigment, an infrared pigment, a metallic film, and metallized threads.
4. The covering according to claim 3 wherein at least one of the  
20 components comprises a metallic film and a second component adjacent the first component comprises an infrared transparent polymer.
5. The covering of any preceding claim wherein at least one of the components comprises a radio absorbing material.

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6. The covering of any preceding claim wherein at least one of the components comprises a phase change material.

7. The covering of any preceding claim wherein at least one of the components comprises an acoustic absorber.

8. The covering of any preceding claim wherein said covering is flexible.

9. The covering of any preceding claim wherein said covering is printed with an image representing an environmental background.

10. A system for camouflaging surfaces comprising:  
a first elongate sheet patterned with two zones, the zones having different appearances, each zone extending along a primary dimension of the sheet, wherein one side of each zone runs continuously along a respective side of the sheet, and the other side of each zone is delimited by a boundary extending along the relatively long dimension of the sheet in a generally undulating form, such that all regions of the sheet on one side of the boundary form a zone of a first appearance and all regions of the sheet on the other side of the boundary form a zone of a second appearance; and  
a second elongate sheet having a continuous field of the first appearance within which are disposed isolated regions of the second appearance,  
each said first and second elongate sheets being capable of being sectioned with the resulting sections being capable of being joined to other sections so as to form a camouflage pattern.